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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Dent

)

Serial No.: 09/261209

)

Filed: March 3, 1999

)

For: Dual Mode Satellite/Cellular Terminal

)

Group Art Unit: 2661

Attorney's Docket No: 4015-3028

)

Commissioner for Patents  
Washington, D.C. 20231

)

Official



**REVOCATION AND POWER OF ATTORNEY  
WITH STATEMENT UNDER 27 CFR 3.73 (b)  
AND CHANGE OF CORRESPONDENCE ADDRESS**

Sir:

Ericsson Inc., a corporation, certifies that it is the assignee of the entire right, title and interest in and to the above-entitled U.S. patent application, and the invention disclosed therein, by virtue of the assignment from the inventor(s) to Ericsson Inc. recorded in the Patent and Trademark Office at Reel/Frame 009994/0511. A copy of the assignment is attached hereto.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, Ericsson Inc. is the assignee of the entire right, title and interest in the U.S. patent application identified.

Ericsson Inc. hereby revokes all previous Powers of Attorney and appoints as my attorneys and/or agents with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefore before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of

the registered practitioners of the law firm of Coats & Bennett, P.L.L.C. identified by Customer Number 24112:



and the following Ericsson Inc. attorneys and/or agents: Stephen A. Calogero, Reg. No. 41,491; Dennis J. Williamson, Reg. No. 32,338; Mark C. Terrano, Reg. No. 40,200; Jon Han, Reg. No. 41,403; Sidney Weatherford, Reg. No. 45,602; and Roger Burleigh, Reg. No. 40,542.

Please address all future correspondence to

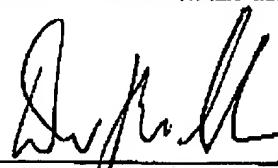
David E. Bennett  
Coats & Bennett, P.L.L.C.  
1400 Crescent Green, Suite 300  
Cary, North Carolina 27511

Please direct all telephone calls about this application and the resulting patent to:

David E. Bennett  
Telephone: (919) 854-1844

The undersigned is empowered to sign this statement on behalf of the assignee.

05/07/02  
Date

  
Dennis J. Williamson Reg. No. 32,338  
Associate General Counsel

Ericsson Inc.  
511 Davis Drive  
Research Triangle Park, NC 27709  
Tel: (919) 472-1154  
Fax: (919) 472-7449



4015-3028  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 04, 1999

PTAS  
BURNS, DOANE, SWECKER & MATHIS LLP  
ROBERT S. BABAYI  
P.O. BOX 1404  
ALEXANDRIA, VA 22313-1404



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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/26/1999

REEL/FRAME: 009994/0511  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KARABINIS, PETER D.

DOC DATE: 05/26/1999

ASSIGNOR:

DENT, PAUL W.

DOC DATE: 05/25/1999

ASSIGNOR:

CHENNAKESHU, SANDEEP

DOC DATE: 05/26/1999

ASSIGNEE:

ERICSSON, INC  
7001 DEVELOPMENT DRIVE  
RESEARCH TRIANGLE PARK  
NORTH  
CAROLINA  
27709

SERIAL NUMBER: 09261209  
PATENT NUMBER:

FILING DATE: 03/08/1999  
ISSUE DATE:

027575-212  
Ericsson, Inc.  
RLG/RSB

10/14/1999  
8/12/99

009994/0511 PAGE 2

DIANE RUSSELE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06-07-1999

U.S. COMMERCE  
Trademark Office

MRD  
5-20-99

RECORDATION FORM  
PATENTS



101059243

Attorney's Docket No. 027575-212

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Peter D. Karabinis  
Paul W. Dent  
Sandeep Chennakeshu

MAY 26 1999

PATENT & TRADEMARK OFFICE

2. Name and address of receiving party(ies):

Name: Ericsson Inc.

Address: 7001 Development Drive

Research Triangle Park, North Carolina 27709

Additional name(s) of conveying party(ies) and trademark(s) [x] No

3. Nature of conveyance:

[x] Assignment      [ ] Merger  
[ ] Security Agreement      [ ] Change of Name

Other: \_\_\_\_\_

Execution Date: May 26, 1999; May 25, 1999; May 26, 1999 (respectively.)

Additional name(s) & address(es) attached? [ ] Yes [x] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/261,209

B. Patent No.(s)

Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert S. Babavi

Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: \_\_\_\_\_

7. Total fee (37 CFR 3.41): \$40.00

[x] Enclosed

[ ] Authorized to be charged to deposit account, if necessary

8. Deposit account number:

02-4810

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert S. Babavi, 33-471  
Name of Person Signing

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

05/28/1999 DIBUYEN 00000200 09261209

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027575-213  
Attorney's Docket No.

## ASSIGNMENT (JNT)

THIS ASSIGNMENT, by PETER D. KARABINIS, PAUL W. DENT, and SANDEEP CHENNAKESHWARI, residing at 101 CHALON DRIVE, CARY, NORTH CAROLINA 27511; STRINGS PEARLICAR, S-240-35, to SEAG, SWEDEN, and 311 GLENN ABBEY DRIVE, CARY, NORTH CAROLINA 27513, (hereinafter referred to as "the Assignors"), respectively, is witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in DUAL MODE SATELLITE/CELLULAR TERMINAL,  which is a provisional application to be filed herewith,  which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application, & bearing Application No. 09/261,308, and filed on MARCH 3, 1999; and

WHEREAS, Ericsson, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 2001 Development Drive, Research Triangle Park, North Carolina 27709 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereof.

NOW, THEREFORE, In consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States or America and all foreign countries that may be granted therefor and thereof, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and renewals and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made.

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Page 1 of 2

(70/27)

RECEIVED TIME: MAY. 26. 12:06PM

PRINT TIME: MAY. 26. 12:22PM

Application No. 09/251,202  
Attorney's Docket No. 027576-212

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date May 26, 1999

Signature of Assignor

Date

Signature of Assignor

Page 2 of 2

10/97

RECEIVED TIME MAY 26 12:06PM

PRINT TIME MAY 26 12:22PM

027525-212  
Attorney's Docket No.

## ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by PETER D. KABANNIS, PAUL W. DENT, and SANDEEP CHENNAKESHU, residing at 101 CHALON DRIVE, CARY, NORTH CAROLINA 27511; STEPHAS PRACTGARD, 5-240 RR, STEPHAS, SWEDEN; and 311 GLEN ABBEY DRIVE, CARY, NORTH CAROLINA 27513 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in DUAL MODE SATELLITE/CELLULAR TERMINAL, which is a provisional application to be filed herewith; which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application; bearing Application No. 09/281,208, and filed on MARCH 3, 1999; and

WHEREAS, Ericsson, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 7001 Development Drive, Research Triangle Park, North Carolina 27709 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Application No. 09/261,208  
Attorney's Docket No. 027578-212

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever advised that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Date 25/7/97 Signature of Assignor Parer D. Karabinis  
Date \_\_\_\_\_ Signature of Assignor Paul W. Dent  
Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Date \_\_\_\_\_ Signature of Assignor Sandeep Chennakeshu  
Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_  
Date \_\_\_\_\_ Signature of Assignor \_\_\_\_\_

## ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by PETER D. KARABINIS, PAUL W. DENT, and SANDIP CHENNAKESWARI, residing at 101 CHALON DRIVE, CARY, NORTH CAROLINA 27511; STENAG, PRASTARD, S-240 86, STEHAG, SWEDEN; and 311 GLENN ASBURY DRIVE, CARY, NORTH CAROLINA 27513 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in DUAL MODE SATELLITE/CELLULAR TERMINAL,  which is a provisional application to be filed herewith;  which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application;  bearing Application No. 09/261,209, and filed on MARCH 3, 1999; and

WHEREAS, Ericsson, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 7001 Development Drive, Research Triangle Park, North Carolina 27709 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title, and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications; and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Application No. 08/681,202  
Attorney's Docket No. 027575-212

AND for the better consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever required of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any application for Letters Patent or Patents, or any renewal or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful action, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignee hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee at the Assignee's cost of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date \_\_\_\_\_ Signature of Assignee \_\_\_\_\_  
Peter D. Kozolins  
Date \_\_\_\_\_ Signature of Assignee \_\_\_\_\_  
Paul W. Davis  
C. Scandell  
Stanhope Charnelstein  
Date \_\_\_\_\_ Signature of Assignee \_\_\_\_\_  
Date \_\_\_\_\_ Signature of Assignee \_\_\_\_\_

Page 2 of 2

(10/97)

25, MAY, 1999 22:52 919474745 919474745  
ERICSSON INC. /RTE, NC  
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